





## Sequence comparison

ANTGGCGCCAGGATACCTCTTCCCGCCAGCCTGTGGAGAGCCCGACACCTGAAACGGGT--TGTTGGCGCGCC  
 TTTCCTCCAG--TTCC-CTTGGCCACCC--TCAGACCTTGCAAGACTGAA--GGTTCTATCATCTGACAT  
 19590 19600 19610 19620 19630 19640 19650  
 AGGACAGCACTGACAGCGAGTGGCCCTGGATCGTGCAGCATCAGAAATGGGACCCACCACTGGC--CAGG  
 CGGA-AG-TCTG-CAGCCATCTGTACTGG-CGGGAG--CAGGACA--GGGACCATCACTGAGAGCATG  
 19660 19670 19680 19690 19700 19710 19720  
 TTCTCTGCTCACAGCGCTGGGTATCATCTGCTCCACTGTTTCAAGGACAACCT-GAACAAACCATACAC  
 CTGTGTGCCGGTACTTGGAGGGGAGC-GGATGC--TTGTCTGTTGAGCTCCTTCGAGAGCCCCACACCC  
 19730 19740 19750 19760 19770 19780 19790  
 TGCCAGGAGGCGCTCGGGAAGAGCAGCGTCAGTCTGTGCCACTGAGCCGACAACTCTCTCTGGC-  
 19790 19800 19810 19820 19830 19840 19850  
 TGATC-TCTGTGCTGG--GG-GCC--TGCGAG--CTG-----GGG-----AA-----CCTGGCT  
 360 370 380 390  
 TGCCAGGAGGCGCTCGGGAAGAGCAGCGTCAGTCTGTGCCACTGAGCCGACAACTCTCTCTGGC-  
 19790 19800 19810 19820 19830 19840 19850  
 400 410 420 430 440 450  
 CTCGGTCCAGAGGTGGGTGTGGCTG--GGT--GGAGCCCC--ACCTGTGATTCTCTGG--AAG--  
 CTCTCCCGCAGAA-CTGGCTG-TGCTGACAGTCCCGGTCCCATAGAACCAAGCTCAGCTGGCTCAGCC  
 19860 19870 19880 19890 19900 19910 19920  
 460 470 480 490 500 510 520  
 --GAAGGTGCTGTGAGACATGGCCCTGGTGGCTCGAG-GCTCANTACAGCTTCAGAGCGGTGC--  
 ACTCATTTATTTGTCAGACATTAACCTGG-CATTC-CCAGTGCACCACTCGCCCTCGGAGGTTTCAT  
 19930 19940 19950 19960 19970 19980 19990  
 TGCC--CATCTGCTACCTGATGGCTC--TATCCACTTC--CTCCA-AAACCCACTG-CTGA-----TCT  
 TTCTTCAGGGGGTTC-CACGCTCTAGTGCACAGCCAGCTGTAGCTCAGGGGTGTCTGGAAGCGGT  
 20000 20010 20020 20030 20040 20050 20060  
 CAG-----GCTGGGGAGCATCAAG-ATGGAGTTC-----CCTTGCCCCCCTCAGACCTTCAGAGC  
 CAG-----GCTGGGGAGCATCAAG-ATGGAGTTC-----CCTTGCCCCCCTCAGACCTTCAGAGC  
 CAGATGTCAGCGGAGCACC CGCGCTCGACGTCTTAAGCCTGGCTGCA-GCTCCTACTCTGCGCGGG  
 20070 20080 20090 20100 20110 20120 20130  
 650 660 670 680 690 700  
 TGAAGTTCCTATC--ATCGA-CTCGGAGT-CTGCAGCCATCTGTACTG---GGGGGAGCAGGACAGG  
 GGA--CTTCTCAGCTGGTGGAGTTC--AGTTCCTGTCTCTCCAGGAGAGAAACGGGCTCCCGGAGG  
 20140 20150 20160 20170 20180 20190 20200  
 710 720 730 740 750  
 GACCCAT----CACTG--AGGACATG---CTG---TGTCGGCTACT-TG-GAGGGG-----AGCG  
 GCTCATCTGCCCTTCAGAGGACAGGGCCCTGATTCGCAACCCCTGTGCCAGGGGTTCTTAACCT  
 20210 20220 20230 20240 20250 20260 20270  
 760 770 780 790 800 810 820  
 GGATGCTTGCT---GGGCGATCTCCGGGGGCCCTCATGTGCCAGTGGACGCGCTGGCTGCTGGCGGG  
 CGCCTCTCTCTGCAGGGGAGATCCGGGGGCCCTCATGTGCCAGTGGACGCGCTGGCTGCTGGCGGG  
 20280 20290 20300 20310 20320 20330 20340  
 830 840 850 860 870 880 890  
 CATCATCAGTGGGGAGGGGTGTGCCAGCGCAACAGCGCCGGGTCTACATCAGCTCTCTTGGCGACCG  
 CATCATCAGTGGGGAGGGGTGTGCCAGCGCAACAGCGCCGGGTCTACATCAGCTCTCTTGGCGACCG  
 20350 20360 20370 20380 20390 20400 20410 20420 20430  
 900 910 920 930 940 950 960  
 CTCCTGGGTGGAGAAATCGTCAAGAGGGGTGCAGCTCCGCGGGCGCTCAGGGGGGTGGGGGCTCAGGGG

970 980 990 1000 1010 1020 1030 1040  
 CTTCTGGGTGAGAGGATCGTGTCAAGGGGTGACGTCCGCGGGCGCTCAGGGGGGTGGGGCCCTCAGGCG  
 20430 20440 20450 20460 20470 20480 20490 20500  
 ACCGACCCAGGGCTCTGGGGCCCGCGGCTCTAGGCGCAGCGGACCGGGCTCGGATCTGAAGAGC  
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 ACCGACCCAGGGCTCTGGGGCCCGCGGCTCTAGGCGCAGCGGACCGGGCTCGGATCTGAAGAGC  
 20570 20580 20590 20600 20610 20620 20630  
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5. US-09-909-320-262 (1-1378)  
af542056 TOIG of: af542056 check: 6353 from: 1 to: 987

TOIG of: af542056 check: 6353 from: 1 to: 987

LOCUS AF542056 987 bp mRNA linear ROD 28-JAN-2003  
DEFINITION Mus musculus pancreasin mRNA, complete cds.

ACCESSION	AF542056	GT:279233336
VERSION	AF542056.1	

**KEYWORDS**  
**SOURCE**  
Mis miscel'ing (house mouse)

**ORGANISM** *Mus musculus*

Mammalia; Eutheria; Rodentia

**AUTHORS** Bhagwandin, V.J., Hau, L.W.,

**TITLE** Structure and activity of l

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FEATURES	Location/Qualities
source	1987